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**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 9 Attorney Docket Number 34982

<b>Complete if Known</b>	
Application Number	09/890,172
Filing Date	July 25, 2001
First Named Inventor	Oren GLOBERMAN et al
Art Unit	37774
Examiner Name	PREBILIC, PAUL B

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1	1,175,530	14-Mar-1916	Kirchhoff		
2	2002/0068974	06-Jun-2002	Kuslich et al.		
3	2002/0099385	25-Jan-2002	Ralph et al		
4	2002/0191487	19-Dec-2002	Sand		
5	2003/0109883	12-Jun-2003	Matsuzaki et al.		
6	2003/0174576	18-Sep-2003	Tague et al.		
7	2003/0181963	25-Sep-2003	Pellegrino et al.		
8	2003/040718	27-Feb-2003	Kust et al.		
9	2004/0167625	26-Aug-2004	Beyar et al.		
10	2004/0236313	25-Nov-2004	Klein		
11	2004/0260303	23-Dec-2004	Carrison		
12	2004/054377	18-Mar-2004	Foster et al.		
13	2004/059283	25-Mar-2004	Kirwan et al.		
14	2005/0060023	17-Mar-2005	Mitchell et al.		
15	2005/0083782	21-Apr-2005	Gronau et al.		
16	2005/0143827	30-Jun-2005	Globerman et al.		
17	2006/0079905	13-Apr-2006	Beyar et al.		
18	2006/0264967	23-Nov-2006	Ferreiro et al.		
19	2006/0271061	30-Nov-2006	Beyar et al.		
20	2007/0027230	01-Feb-2007	Beyar et al.		
21	2007/0032567	08-Feb-2007	Beyar et al.		
22	2007/0282443	06-Dec-2007	Globerman et al.		
23	2,067,458	14-Feb-1989	Nichols		
24	2,918,841	29-Dec-1959	Poupitch		
25	3,058,413	16-Oct-1962	Cavalieri		
26	3,063,449	13-Nov-1962	Schultz		
27	3,075,746	29-Jan-1963	Yablonski et al.		
28	3,224,744	21-Dec-1965	Broomall		
29	3,426,364	11-Feb-1969	Lumb		

Examiner Signature	Date Considered
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<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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Sheet	2	Of	9	Attorney Docket Number	34982
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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	30	3,875,595	08-Apr-1975	Froning	
	31	3,976,060	24-Aug-1976	Hildebrandt et al.	
	32	4,079,917	21-Mar-1978	Popell	
	33	4,115,346	19-Sep-1978	Gross et al.	
	34	4,170,990	16-Oct-1979	Baumgart et al.	
	35	4,185,072	22-Jan-1980	Puderbaugh et al.	
	36	4,268,639	19-May-1981	Seidel et al.	
	37	4,274,163	23-Jun-1981	Malcom et al.	
	38	4,309,777	12-Jan-1982	Patil	
	39	4,313,434	02-Feb-1982	Segal	
	40	4,346,708	31-Aug-1982	LeVeen et al.	
	41	4,349,921	21-Sep-1982	Kuntz	
	42	4,453,539	12-Jun-1984	Raptopoulos et al.	
	43	4,494,535	22-Jan-1985	Haig	
	44	4,522,200	11-Jun-1985	Stednitz	
	45	4,554,914	26-Nov-1985	Kapp et al.	
	46	4,558,693	17-Dec-1985	Lash et al.	
	47	4,562,598	07-Jan-1986	Kranz	
	48	4,632,101	30-Dec-1986	Freedland	
	49	4,636,217	13-Jan-1987	Ogilvie et al.	
	50	4,653,487	31-Mar-1987	Maale	
	51	4,653,489	31-Mar-1987	Tronzo et al.	
	52	4,686,973	18-Aug-1987	Frisch	
	53	4,697,584	06-Oct-1987	Haynes	
	54	4,758,096	19-Jul-1988	Gunnarsson	
	55	4,759,769	26-Jul-1988	Hedman et al.	
	56	4,772,287	20-Sep-1988	Ray et al.	
	57	4,786,184	22-Nov-1988	Berezkina et al.	
	58	4,892,550	09-Jan-1990	Huebsch	
	59	4,904,260	27-Feb-1990	Ray et al.	

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Sheet

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Attorney Docket Number

34982

**Complete if Known**

Application Number	09/890,172
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First Named Inventor	Oren GLOBERMAN et al
Art Unit	37774
Examiner Name	PREBILIC, PAUL B

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		Number-Kind Code <sup>2</sup> (if known)			
60	4,932,969		12-Jun-1990	Frey et al.	
61	4,935,029		19-Jun-1990	Matsutani et al.	
62	4,961,647		09-Oct-1990	Coutts et al.	
63	4,969,888		01-Nov-1990	Scholten et al.	
64	5,012,066		30-Apr-1991	Matsutani et al.	
65	5,059,193		22-Oct-1991	Kuslich	
66	5,059,199		22-Oct-1991	Okada et al.	
67	5,078,919		07-Jan-1991	Ashley et al.	
68	5,102,413		07-Apr-1992	Poddar	
69	5,108,404		28-Apr-1992	Scholten et al.	
70	5,112,333		12-May-1992	Fixel	
71	5,116,335		26-May-1992	Hannon	
72	5,122,400		16-Jun-1992	Stewart	
73	5,123,926		23-Jun-1992	Pisharodi	
74	5,131,382		21-Jul-1992	Meyer	
75	5,171,248		15-Dec-1992	Ellis	
76	5,171,278		15-Dec-1992	Pisharodi	
77	5,209,753		11-May-1993	Biedermann et al.	
78	5,236,445		17-Aug-1993	Hayhurst et al.	
79	5,268,001		07-Dec-1993	Nicholson et al.	
80	5,302,020		12-Apr-1994	Kruse	
81	5,303,718		19-Apr-1994	Kajicek	
82	5,333,951		02-Aug-1994	Wakoh	
83	5,348,391		20-Sep-1994	Murray	
84	5,356,382		18-Oct-1994	Picha et al.	
85	5,376,123		27-Dec-1994	Klaue et al.	
86	5,415,474		16-May-1995	Nelson et al.	
87	5,480,403		02-Jan-1996	Lee	
88	5,494,349		27-Feb-1996	Seddon	
89	5,514,137		07-May-1996	Coutts	

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Sheet

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Of

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Complete if Known

Application Number	09/890,172
Filing Date	July 25, 2001
First Named Inventor	Oren GLOBERMAN et al
Art Unit	37774
Examiner Name	PREBILIC, PAUL B

Attorney Docket Number 34982

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		Number-Kind Code <sup>2</sup> (if known)			
90	5,520,690		28-May-1996	Errico et al.	
91	5,522,816		04-Jun-1996	Dinello et al.	
92	5,522,899		04-Jun-1996	Michelson	
93	5,534,028		09-Jul-1996	Bao et al.	
94	5,549,380		27-Aug-1996	Lidgren et al.	
95	5,549,381		27-Aug-1996	Hays et al.	
96	5,549,679		27-Aug-1996	Kuslich	
97	5,571,189		05-Nov-1996	Kuslich et al.	
98	5,578,035		26-Nov-1996	Lin	
99	5,591,197		07-Jan-1997	Orth et al.	
100	5,601,557		11-Feb-1997	Hayhurst	
101	5,609,637		11-Mar-1997	Biedermann et al.	
102	5,645,598		08-Jul-1997	Brosnahan III	
103	5,658,310		19-Aug-1997	Berger	
104	5,683,451		04-Nov-1997	Lenker et al.	
105	5,693,100		02-Dec-1997	Pisharodi	
106	5,697,977		16-Dec-1997	Pisharodi	
107	5,704,895		06-Jan-1998	Scott et al.	
108	5,720,753		24-Feb-1998	Sander et al.	
109	5,725,529		10-Mar-1998	Nicholson et al.	
110	5,759,186		02-Jun-1998	Bachmann et al.	
111	5,782,830		21-Jul-1998	Farris	
112	5,782,838		21-Jul-1998	Beyar et al.	
113	5,800,549		01-Sep-1998	Bao et al.	
114	5,800,550		01-Sep-1998	Sertich	
115	5,827,289		27-Oct-1989	Reiley et al.	
116	5,842,785		01-Dec-1998	Brown et al.	
117	5,876,457		02-Mar-1999	Picha et al.	
118	5,911,721		15-Jun-1999	Nicholson et al.	
119	5,968,044		19-Oct-1999	Nicholson et al.	

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120		6,019,789	01-Feb-2000	Dinh et al.	
121		6,126,689	03-Oct-2000	Brett	
122		6,129,763	10-Oct-2000	Chauvin et al.	
123		6,149,651	21-Nov-2000	Drewry et al.	
124		6,161,955	19-Dec-2000	Rademaker	
125		6,168,597	02-Jan-2001	Biedermann et al.	
126		6,214,037	10-Apr-2001	Mitchell et al.	
127		6,217,608	17-Apr-2001	Penn et al.	
128		6,235,043	22-May-2001	Reiley et al.	
129		6,241,734	05-Jun-2001	Scribner et al.	
130		6,248,110	19-Jun-2001	Reiley et al.	
131		6,261,289	17-Jul-2001	Levy	
132		6,264,659	24-Jul-2001	Ross et al.	
133		6,348,055	19-Feb-2002	Preissman	
134		6,350,271	26-Feb-2002	Kurz et al.	
135		6,375,682	23-Apr-2002	Fleischmann et al.	
136		6,383,188	07-May-2002	Kuslich et al.	
137		6,383,190	07-May-2002	Preissman	
138		6,447,478	10-Sep-2002	Maynards	
139		6,500,182	31-Dec-2002	Foster	
140		6,554,833	29-Apr-2003	Levy et al.	
141		6,613,054	02-Sep-2003	Scribner et al.	
142		6,662,969	16-Dec-2003	Peeler et al.	
143		6,719,761	13-Apr-2004	Reiley et al.	
144		6,780,175	24-Aug-2004	Sachdeva et al.	
145		6,875,219	05-Apr-2005	Arramon et al	
146		6,957,747	25-Oct-2005	Peeler et al.	
147		6,974,247	13-Dec-2005	Frei et al.	
148		6,979,341	27-Dec-2005	Scribner et al.	
149		6,994,465	07-Feb-2006	Tague et al.	

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		Number-Kind Code <sup>4</sup> (if known)			
150	7,029,163		18-Apr-2006	Barker et al.	
151	7,097,648		29-Aug-2006	Globerman et al.	
152	Des. 279,499		02-Jul-1985	Case	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>3</sup>	Foreign Patent Documents	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T h
		Country Code <sup>4</sup> Number <sup>5</sup> Kind Code <sup>5</sup> (if known)				
153	EP 0044877		03-Feb-1982	Kurz et al.		
154	EP 0177781		16-Apr-1986	Draenert		
155	JP 02-122017		09-May-1990	Watanabe et al.		
156	JP 02-166235		26-Jun-1990	Serio et al.		
157	EP 0235905		09-Sep-1987	Al-Rawi		
158	EP 0475077		18-Mar-1992	Gogolewski et al.		
159	EP 0493789		08-Jul-1992	Mudr		
160	EP 0669100		30-Aug-1995	Linder et al.		
161	EP 0748615		18-Dec-1996	Berger		
162	RU 1011119		15-Apr-1983	Edinak		
163	RU 1049050		23-Oct-1983	Drobotun et al.		
164	EP 1074231		07-Feb-2001	Al-Assir		
165	EP 1148850		20-Apr-2005	Globerman et al.		
166	EP 1148851		24-May-2006	Globerman et al.		
167	EP 1464292		06-Oct-2004	Dimauro et al.		
168	EP 1552797		13-Jul-2005	Globerman et al.		
169	DE 19612276		02-Oct-1997	Trautmann et al.		
170	GB 2114005		17-Aug-1983	Baumgart et al.		
171	GB 2197691		25-May-1988	Bron		
172	GB 2413280		26-Oct-2005	Chen		
173	DE 4104092		14-Aug-1991	Rieger		
174	JP 54-009110		23-Jan-1979	Oomine		
175	AU 724544		07-Nov-1996	Werdung et al.		
176	JP 8322848		10-Dec-1996	Narushima		
177	AU 9865136		22-Sep-1998	Bayar et al.		
178	WO 00/06216		10-Feb-2000	Kirwan et al.		
179	WO 00/44319		03-Aug-2000	Globerman et al.		

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Sheet	7	Of	9	Attorney Docket Number	34982
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Documents	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
Country Code <sup>3</sup> , Number <sup>4</sup> , Kind Code <sup>5</sup> (if known)						
180	WO 00/44321	03-Aug-2000	Globerman et al.			
181	WO 00/44946	03-Aug-2000	Ben-Yosef et al.			
182	WO 01/54598	02-Aug-2001	Shavit et al.			
183	WO 02/02033	10-Jan-2002	Jaeggi et al.			
184	WO 03/101596	11-Dec-2003	Jonsson			
185	WO 2001/008571	08-Feb-2001	DekeI			
186	WO 2003/061495	31-Jul-2003	Shavit et al.			
187	WO 2004/019810	11-Mar-2004	Smith et al.			
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189	WO 2004/075965	10-Sep-2004	Sharroo et al.			
190	WO 2004/080357	23-Sep-2004	Ferreyro Igrioyen et al.			
191	WO 2004/110292	23-Dec-2004	Vachten			
192	WO 2004/110300	23-Dec-2004	Beyar et al.			
193	WO 2005/032326	14-Apr-2005	Beyar et al.			
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195	WO 2005/051212	09-Jun-2005	Dunker et al.			
196	WO 2005/110259	24-Nov-2005	Sala et al.			
197	WO 2006/011152	02-Feb-2006	Beyar et al.			
198	WO 2006/039159	13-Apr-2006	McGill et al.			
199	WO 2006/090379	31-Aug-2006	Beyar et al.			
200	WO 2007/015202	08-Feb-2007	Beyar et al.			
201	WO 2007/036815	05-Apr-2007	Beyar et al.			
202	WO 2007/148336	27-Dec-2007	Globerman et al.			
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204	WO 90/00037	11-Jan-1990	Michelson			
205	WO 92/14423	03-Sep-1992	Madhavan			
206	WO 94/12112	09-Jun-1994	Klinge			
207	WO 95/13862	26-May-1995	Murray			
208	WO 96/11643	25-Apr-1996	Ray et al.			
209	WO 96/19940	04-Jul-1996	Zinger			
210	WO 96/32899	24-Oct-1996	Werding et al.			
211	WO 96/37170	28-Nov-1996	Biedermann et al.			
212	WO 97/28835	14-Aug-1997	Lang			

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Complete if Known

Application Number	09/890,172
Filing Date	July 25, 2001
First Named Inventor	Oren GLOBERMAN et al
Group Art Unit	37774
Examiner Name	PREBILIC, PAUL B

Sheet 1 of 1 Attorney Docket Number 34982

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	217	Baroud et al. "Injection Biomechanics of Bone Cements Used in Vertebroplasty", Biomedical Materials and Engineering, 00: 1-18, 2004.	
	218	Canale et al. "Campbell's Operative Orthopaedics - Volume three - Ninth edition", Mosby: P. 2097,2121, 2184-2185, 2890-2896, 1998. Abstract.	
	219	Cole et al. "AIM Titanium Humeral Nail System", Surgical Technique, DePuy Orthopedics, 17 P., 2000.	
	220	Heini et al. "The Use of A Side-Opening Injection Cannula in Vertebroplasty", Spine, 27(1): 105-109, 2002.	
	221	Hernandez et al. "Influence of Powder Particle Size Distribution on Complex Viscosity and Other Properties of Acrylic Bone Cement for Vertebroplasty and Kyphoplasty", Journal of Biomedical Materials Research, Part. B: Applied Biomaterials, 77B: 98-103, 2006.	
	222	Ishikawa et al. "Effects of Neutral Sodium Hydrogen Phosphate on Setting Reaction and Mechanical Strength of Hydroxyapatite Putty", Journal of Biomedical Materials Research, 44: 322-329, 199, 1997 .	
	223	Ishikawa et al. "Non-Decay Type Fast-Setting Calcium Phosphate Cement: Hydroxyapatite Putty Containing An Increased Amount of Sodium Alginate", Journal of Biomedical Materials Research, 36: 393-399, 1997.	
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	226	Lewis "Toward Standardization of Methods of Determination of Fracture Properties of Acrylic Bone Cement and Statistical Analysis of Test Results", Journal of Biomedical Research: Applied Biomaterials, 53(6): 748-768, 2000.	
	227	Nussbaum et al. "The Chemistry of Acrylic Bone Cements and Implications for Clinical Use in Image-Guided Therapy", Journal of Vascular and Interventional Radiology, 15: 121-126, 2004.	
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	229	Varela et al. "Closed Intramedullary Pinning of Metacarpal and Phalanx Fractures", Orthopedics, 13(2): 213-215, 1990. Abstract.	
	230	Weissman et al. "Trochanteric Fractures of the Femur. Treatment With A Strong Nail and Early Weight-Bearing", Clinical Orthopedics and Related Research, 67: 143-150, 1969. Fig.	
Examiner Signature	/Paul Prebilic/		Date Considered 03/02/2009

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